



OSCILLATOR

Volume 23 Number 4

Dark Sucker Explained By Amor Klotzbach II, N2FY

For many years, it has been believed that electric bulbs emit light. However, recent information has proven otherwise. Electric bulbs do not emit light; they suck up darkness. Thus, we call these bulbs "dark suckers." The Dark Sucker Theory (that electric bulbs suck up darkness) and the proven existence of dark suckers postulates that darkness has mass and is room. But, as it is with many great things, dark suckers don't last forever. Once they are heavier than light.

To prove the theory to yourself, take an energized dark sucker device (light bulb) into any dark room. Notice that there is much less darkness right next to it than there is anywhere else in the room—and the larger the dark sucker device, the greater its capacity to suck up darkness. Note that dark suckers placed in a parking lot have a much greater capacity to suck up darkness than the ones
(See DARK, page 2)

Next Meeting — Wednesday, April 12th at 7 PM

Doug Little from FLIR Systems will be with us to talk about the newest in Forward Looking Infra Red technology. Why not come at 6 PM and share in a meal from the Elks' Club Buffet line?

We meet at the Beaverton Elks, 3500 SW 104th Avenue, off Canyon Road. Introduce the club, bring along another ham.

See you there!

Prexy's Prose — J.D. Fort

Had a chance to experience some real mobile benefits of the present cycle over the past few days as we traveled between the home QTH in Hillsboro, via Bend, and Reno.

As I write this in Palm Desert, CA. I'm happy to report ten contacts with domestic stations. All coming as the XYL and I were roaring down the road in her CRV. Signal reports ranged S-5 to S-9 coming with contacts made in Texas, Michigan, Kansas, West Virginia and Missouri.

We made the contacts with a Larson NMO-28 and mag mount,
(See PREXY, page 3)

April 2000

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Special points of Interest:

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- A candle is a primitive form of dark sucker, page 2
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- If schedule holds, Phase 3D could go in July, page 4
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DARK, from page 1

in this room. But, as it is with many great things, dark suckers don't last forever. Once they are completely filled with darkness, they lose their ability to suck in more. This is easily proved by the dark spot on a full dark sucker device.

A candle is a primitive form of dark sucker. Note that a brand new candle has a new candle has a white wick, but after the first use, the wick turns black, representing the darkness it has sucked into it. If you put a pencil next to the wick of an operating candle, it will turn black. This is because it got in the path of the darkness flowing into the candle.

Portable dark suckers have also come into common usage. With these, the bulbs (being much smaller) can't handle all the darkness by themselves and must be aided by a darkness storage unit. When you were to swim really deep,

the darkness storage unit is full, it must be either replaced or emptied before the portable dark sucker will operate again.

Darkness has mass. When darkness goes into a dark sucker, friction from the mass generates heat. Thus, it is not wise to touch an operating dark sucker. Candles present a special problem. Since the mass must travel into a solid wick instead of through clear glass, a great amount of heat is generated. Thus, it is also not wise to touch an operating candle.

A fact not readily apparent is that darkness is heavier than light. If you were to swim just below the surface of a lake, you would see a lot of light. Now if you were to slowly swim deeper and deeper, you would notice it getting darker and darker. If

you would be in total darkness. This is because the heavier dark sinks to the bottom of the lake and the lighter light floats at the top. After all, that's why it's called "light."

Finally, we must prove that dark travels faster than light. If you were to stand in a lighted room, in front of a closed, dark closet and slowly open the closet door, what would you see? As we all have observed, you would see the light slowly enter the closet. However, since darkness travels so fast, you would be unable to see the dark leave the closet.

Now, having been properly educated, the next time you wish to refer to an electric bulb, please use its technically correct term: a dark sucker.

Reprinted with permission from April 1998, *Harmonics*, South Jersey RA.

Amateur Radio License Examinations, 2000, by Carl, WS7L

The Oregon Tualatin Valley Amateur Radio Club will sponsor five more testing sessions in 2000. The schedule for these sessions is:

29 April	5 Aug
4 June	7 Oct
	2 Dec

All test sessions, except June 4, begin at 1:00 pm at the Hillsboro Fire Department Ronler Acres Station, 4455 NW 229th, Hillsboro. The June session begins at 9:00 am at SEAPAC. See details elsewhere in this issue. All exam elements are administered at each session. The test reimbursement fee for 2000 is \$6.65. Please bring a check or money order payable to ARRL/VEC.

All applicants must bring a photo ID. In addition, applicants upgrading must bring the original AND a copy of their current license and the original AND a copy of any CSCE that will apply to the upgrade.

Please contact Carl Clawson, WS7L, 629-5796, ws7l@arrl.net, to preregister. The SEAPAC session is limited to the first 50 preregistered.

These Test Sessions are sponsored by Oregon Tualatin Valley Amateur Radio Club, a Special Service Club of the American Radio Relay League, the national association for Amateur Radio.

Other test sites are listed elsewhere in this issue.

Field Day 2000 To Be Held June 24th, Dan Henderson N1ND

Each year during the last full weekend in June, thousands of amateurs descend on parks, malls, schools, and other venues to participate in the most popular on-the-air amateur radio events: *Field Day*. From the experienced old-timer to the fledgling newcomer to the hobby, *Field Day* offers something for everyone: satellites, packet, VHF, CW, Phone, RTTY, traffic handling, experimentation, contesting. If it is your interest, it has a place at *Field Day*.

While listed as a contest, remember that the key element of *Field Day* is to test emergency preparedness. Annually, *Field Day* brings together the amateur community, local and state authorities, representative of the agencies we serve, and the general public in a national educational exercise. It serves as a once-a-year focal point to highlight the tremendous amount of time, efforts, and talents which hams contribute to the community.

The *Field Day* operates under rules designed to make it a true test of skills and competition among participants. Forms, rules, and entry submission requirements can be found at the ARRL Contest Branch Homepage or in the *Field Day* announcement, which appears in the May issue of QST. Remember that you have 30 days from the end of *Field Day* to submit your entry to the ARRL.

Don't forget to submit interesting photographs showing your group in action and your comments for the Soap-Box in QST. While all of the photos and comments won't appear in the magazine, work is taking place to expand the information available on the Web Page.

Public awareness is as important to *Field Day* as is testing your emergency preparedness. Inviting local press and electronic media to your site can help them tell the amateur radio story beyond the *Field Day* event.

Prexy's Prose, from page 1

through an MFJ 929 tuner with a 90 watts from an original ICOM-706, strapped to the dash with mini bungy cords. (It is the wife's car. She made me sign a special set of family CC&R's that prohibits any duct tape usage my vacation installations)

Bottom line, upgrade if you can! Spend the time and get the code down. If I can do it. Believe me, you can too. Just don't miss out on this new cycle before it peaks out. It really is a blast!

Later on this Spring Break Dexpedition, we're headed for The Living Desert and more 10 meter contacts with the help of the Desert Rats of Palm Springs ARC.

See you at the next meeting with a full log book page, sunburn and one or two great DX stories. Good luck on your upgrade and I'll see you on the air!

McMinnville ARC Offers Testing

The McMinnville Amateur Radio Club is offering once-a-month VE testing alternating between Wednesday evening and Saturday sessions.

Wednesday sessions will be offered on the second Wednesday of even numbered months (hence, April 12). Wednesday sessions begin at 6:00 pm and accept walk-ins who begin testing by 7:00 pm. Saturday sessions will be offered on the second Saturday of odd numbered months (hence, May 13). Saturday sessions begin at 2:00 pm and accept walk-ins until 2:30 pm.

Most sessions are held at the First Federal Savings and Loan Board Room, 111 East Third Avenue. The May 13 session will use an alternate site.

Call Mike Venditti, AB7BR, 503-435-1292 or Mike Jones, W7MJ, 503-864-3291 to pre-register or for additional information.

OLD SATELLITE RETOOLED FOR NEW USE, From ARRL

UO-14 is proving that you can teach an old bird new tricks. The venerable British satellite recently was switched to FM repeater mode, and reports already are coming in from hams who've worked it using pretty modest equipment.

The satellite's controller Chris Jackson, G7UPN/ZL2TPO, says UO-14 was launched in January 1990 and spent its first 18 months in orbit operating as an amateur store-and-forward satellite, prior to the launch of UO-22.

It was then switched for use by Volunteers In Technical Assistance, who used it for

messaging into Africa. "Since the computer which is used for store-and-forward comms is no longer able to perform that task, UO-14 is no longer usable in this mode," Jackson says.

"It is, however, possible to use the satellite as a single channel FM voice repeater, and I have just configured the satellite to do this."

The satellite works as an "FM bent pipe repeater satellite" in full duplex. Operators with full-duplex transceivers will be able to hear their downlink signal as they transmit. Half-duplex operation also will work

satisfactorily. The uplink is 145.975 MHz, and the downlink is 435.070 MHz. Jackson says he plans to leave the satellite in FM mode for the next few weeks. "If it is useful, then I will probably leave it running," he said. "If it isn't used, it will be switched to transmitting telemetry."

Houston AMSAT Coordinator Bruce Paige, KK5DO, says no more than 5 W is required to make a contact with UO-14, and some have made it with as little as 1.5 W. "It should be a very suitable bird for those with an H-T and a rubber duck," he said.

PHASE 3D COULD LAUNCH IN JULY!

The Phase 3D next-generation Amateur Radio satellite has been tentatively scheduled to launch in late July. The information is included in the "Provisional Ariane Launch Manifest" for February through July of this year that appears in the Arianespace newsletter. If the schedule holds, the Phase 3D satellite would be sent aloft on Ariane 507, flight V132. A specific date in July was not available.

The Arianespace manifest identifies the other possible payloads aboard 507 as the PAS-1R or Europe*Star packages and the STRV-

A launch contract accepting Phase 3D as a payload for the first suitable Ariane 5 launch vehicle was signed last October. The Phase 3D satellite now is at the European Spaceport in Kourou, French Guiana.

Phase 3D will be stored in its shipping container, housed in an air-conditioned integration building at the launch complex until launch preparations commence. All systems have been shut down and the batteries left uncharged.

For more information about Phase 3D, visit the AMSAT-NA Web site, www.amsat.org/.

France authorizes 136-kHz

France has authorized a new amateur band at 136-kHz. The French Confederation of Radio Amateurs and Radio Listeners reports that the 135.7-137.8 kHz was authorized for use by French amateurs as of December 31, 1999, on a secondary basis and in conformance with conditions existing in other European countries.

Operation is to be in accordance with the CEPT Recommendation T/R 62-01. Maximum radiated power is 1 Watt.

The FCC has not acted on RM 9404 which would allow US amateurs to use the band.

QST DE WA0BRU...

The April 22nd lunch bunch, will be at a new restaurant that we just checked out.

DING HAO BUFFET

**6620 SW Beaverton
Hillsdale Hwy.
Portland, OR 97225**

The Buffet includes the oriental noodles and meats found at other buffets. They also serve sushi, soup, salads, and deserts.

We found the General Taio, and a couple other types of chicken. There also was a skewered meat, baked fish and baked shrimp.

We have a meeting room reserved and hope to see many old and new faces at the April lunch bunch.

The time will be 1:30 pm and talk in will be on 146.90 Mhz.

End of QST de WA0BRU

April 2000

Bay Shore RV Park and Marina Netarts, Oregon April 21, 22, & 23

For information or to reserve a site, contact the wagonmasters, Al W7SIC or Mary N7TRW Berg at w7sic@pocketmail.com. The Bergs will return from their adventures in the sun in time for the April campout. For a local contact, call Roger KA7RNN or Marvel KA7TZZT Noyes at 292-3261.

About Bay Shore:

Good paved interior roads. 53 sites, 1 paved, 52 gravel, patios, some shaded, 11 pull-thru 30X55, back-ins 30X40, full hookups. Cable TV, restrooms & showers, public phone, laundry, limited RV supplies, LP gas, Rec hall, boat ramp, boat & crabbing gear rental, tackle.

Directions:

From junction of US 101 and Netarts Highway (3rd street) west 5.8 miles to Bilyeu Ave, southwest 0.2 miles.

May's campout will be the 19, 20, & 21 at Sunnyside Park at Foster Lake. Tom and Barb Bailey will be the wagon masters. For details contact them at 538-2266.

The Fifth Wednesday Contest was held on Wednesday, March 29th.

Logs will be due at the club meeting, April 12th. Jim Schaeffer, KB7ADH, will accept logs by mail as well.

Awards will be given at the May 10th Meeting. Awards are given for two classes of stations. See the March Oscillator for information

5th Wednesday

and logging instructions.

The Fifth Wednesday Contest is an exercise to help determine 2 meter capability using simplex (147.54 MHz). The contest demonstrates capability between various Zip Codes.

Our next Fifth Wednesday Contest will be held on Wednesday, May 31st.

SEAPAC 2000 Seminars and VE Testing

SEAPAC 2000, The Northwest Division Ham Convention, will be held June 3rd and 4th at Seaside.

The 2000 seminar program will provide information which is entertaining, informative and profitable for the furtherance of our hobby. So that more people can benefit, some tutorial seminars will be repeated.

To encourage newcomers to use their soldering iron and to get on the air, we have talks on construction and

assembling a station. Some antenna presentations are directed toward beginners.

Technical seminars on radio direction finding with an outdoor exercise, the latest on HF digital modes and packet, the perennial favorite antennas, and a number of other topics are planned.

The application of new technologies to our emergency communications capabilities, and system planning will be SEAPAC seminar topics.

There will be VE Testing at SEAPAC. One session at Our Saviour Lutheran Church, across from the Convention Center at 9:00 am Saturday. Pre-registration ONLY by May 1st. There will be room for 50.

Call Carl, WS7L, 503-629-5796, or email, ws7l@arrl.net.

General information about SEAPAC 2000 can be obtained from Randy, KZ7T, 503-297-1175 or kz7t@arrl.org. See www.seapac.org, the SEAPAC Homepage.

DX2000: PACIFIC NORTHWEST DX CONVENTION

The BC DX Club and the Fraser Valley DX Club invite you to DX2000 in beautiful Vancouver, British Columbia, Canada, July 28-30, 2000.

We've changed our venue To make this event as fun and interesting for your spouse (and children) as it is for you. Our new hotel was chosen for its excellent location and facilities. We are working on a fresh, new program and will be

inviting many of your friends from the DX, QRP and Contest world. We look forward to Your attendance to make this event the best ever. Check our web site for more information and downloading of registration form.

<http://www.bcdxc.org>

See you in Vancouver at DX2000!

CLUB NOTES

A big thanks to all OTVARC members for the very nice flowering plant I received while in the Milwaukie Providence hospital.

A big thanks to those of you who sent "Get Well" cards. I am now up and walking (slowly) with the aid of a walker. See you in May.

Dale, W7FBP

February, from page 8

under the new system, and indeed we did get 13 of them with 12 passing. In addition we had 11 applicants for initial Technician licenses and every one of them succeeded! This may well indicate that restructuring has generated a fresh surge of interest in ham radio which will bring an increase in our ranks. We issued one upgrade to Advanced and two to Extra, and assorted certificates for other written element credit. Only one candidate left the session without earning something.

DEETH & ASSOCIATES

- * Telecommunications
- * Most Key Systems
- * TIE/Norstar/ & Others
- * Security Systems

503-324-3737
Pager 503-818-0581
Fax: 503-324-4833

Ray Deeth
180 So. Main (#C)
Banks, Oregon 97106

The "Considerate Operator's Frequency Guide"

The following frequencies are generally recognized for certain modes or activities (all frequencies are in MHz). Nothing in the rules recognizes a net's, group's or any individual's special privilege to any specific frequency. Section 97.101 (b) of the Rules states that "Each station licensee and each control operator must cooperate in selecting transmitting channels and in making the most effective use of the amateur service frequencies. No frequency will be assigned for the exclusive use of any station." No one "owns" a frequency.

It's good practice--and plain old common sense--for any operator, regardless of mode, to check to see if the frequency is in use prior to engaging operation. If you are there first, other operators should make an effort to protect you from interference to the extent possible, given that 100% interference-free operation is an unrealistic expectation in today's congested bands.

1.800-1.830
CW, data and other narrowband modes

1.810
QRP CW calling frequency

1.830-1.840
CW, data and other narrow band modes

1.840-1.850
CW; SSB, SSTV and other wideband modes, intercontinental QSOs only

1.850-2.000
CW; phone, SSTV and other wideband modes

3.560
QRP CW calling frequency

3.590
RTTY DX

3.580-3.620
Data

3.620-3.635
Automatically controlled data stations

3.710
QRP Novice/Technician CW calling frequency

3.790-3.800
DX window

3.845
SSTV

3.885
AM calling frequency

3.985
QRP SSB calling frequency

7.040
RTTY DX QRP CW calling frequency

7.080-7.100
Data

7.100-7.105
Automatically controlled data

7.110
QRP Novice/Technician CW

7.171
SSTV

7.285
QRP SSB calling frequency

7.290
AM calling frequency

10.106
QRP CW calling frequency

10.130-10.140
Data

10.140-10.150
Automatically controlled data stations

14.060
QRP CW calling frequency

14.070-14.095
Data

14.095-14.0995
Automatically controlled data stations

14.100
NCDXF/IARU beacons

14.1005-14.112
Automatically controlled data stations

14.230
SSTV

14.285
QRP SSB calling frequency

14.286
AM calling frequency

18.100-18.105
Data

Considerate Operator, from page 7

18.105-18.110 Auto controlled data	24.925-24.930 Auto controlled data stations	29.000-29.200 AM
21.060 QRP CW calling frequency	28.060 QRP CW calling frequency	29.300-29.510 Satellite downlinks
21.070-21.100 Data	28.070-28.12 Data	29.520-29.580 Repeater inputs
21.090-21.100 Auto controlled data stations	28.120-28.189 Auto controlled data stations	29.600 FM simplex
21.340 SSTV	28.190-28.225 Beacons	29.620-29.680 Repeater outputs
21.385 QRP SSB calling frequency	28.385 QRP SSB calling frequency	ARRL band plans for frequencies above 28.300 MHz are shown in The ARRL Repeater Directory and The FCC Rule Book.
24.920-24.925 Data	28.680 SSTV	

PUBLIC AREA VE TESTING SITES by Ev W6ABM

Oregon Tualatin Valley
Amateur Radio Club, page 2.

09-Apr-2000
PHANTOM'S AR GROUP, 8:00 PM
(Walk-ins allowed) John, KA0SSF,
503-626-7399 ROUND TABLE
PIZZA, 12085 SW HALL BLVD,
TIGARD

15-Apr-2000
HOODVIEW ARC, 9:00AM (Walk-
ins allowed). PATSY, W7PAT,
503-668-4305,

barmore@worldaccessnet.com

08-Apr-2000
PORTLAND ARC, 12 NOON (Walk-
ins allowed) Greg, 503-418-5409,
call preferred. PACIFIC CREST
SCHOOL, 116 NE 29th Avenue,
Portland

16-Apr-2000
PHANTOM'S AR GROUP (Above) at
7:30 pm

12-Apr-2000
McMinnville ARC 6:00 pm. on
2nd Wednesday, and 2:00 pm on
2nd Saturday. Mike Venditti,
AB7BR, at 503-435-1292 or
Mike Jones, W7MJ, at 503-864-
3291

Clark County Amateur Radio
Club Salmon Creek American
Legion, Vancouver. Test
sessions begin at 10 am 360-
896-8909 (press 3)

VE Report February 2000, by Carl WS7L

OTVARC's VE team held a
record session on 5 Feb 2000
at the Ronler Acres fire station.
We served 34 candidates with
a total of 58 exam elements,
which beats our previous

maximum of 16 candidates for
a local session. It even exceeds
the 24 we served at SeaPac last
year. A typical local session
has had 6 to 8 applicants over
the last two years. The

candidates exceeded all my
expectations. I thought we'd
have a lot of Advanced
licensees taking Extra written
for a "deferred upgrade,"
(See FEBRUARY, page 6)

Club Contact Directory

OTVARC Executive Board

President	J.D. Fort	K7JDF	jdradio@teleport.com	503-259-0269
Vice President	Janet Bell	WB7FJC	wb7fjc@arrl.net	503-648-4147
Secretary	Mike McDonald	KC7YSW	macsuer@teleport.com	503-692-5893
Treasurer	Linda Sutton	KC7YTD	kb7pww@msn.com	503-246-8879
Trustee	Jack Smithson	KA7HOJ	ka7hoj.webtv.net	503-646-1873
Trustee	Will Sheffield	N7THL	n7thl@juno.com	503-642-7314
Trustee	Jim Blanchard	W7HOW	w7how@juno.com	503-579-0248
Trustee	Alvin Carlson	KB7VHI	alvinc@sequent.com	503-629-5728
Trustee	Julia Landers	KD7GQW	wa0bru@juno.com	503-646-1546

Other Club Contacts

ARRL Coordinator	Bob Orr	WF7Q	boborr@onlinemac.com	503-472-2716
Equipment Loan	Stan Griffiths	W7NI	w7ni@teleport.com	503-649-0837
Equipment Valuation	Randy Stimson	KZ7T	kz7t@arrl.net	503-297-1175
Equipment Trustee	Al Berg	W7SIC	w7sic@pocketmail.com	503-816-7098
Emergency Services	J.D. Fort	K7JDF	jdradio@teleport.com	503-259-0269
Field Day Coordinator	Harold Landers	WA0BRU	wa0bru@juno.com	503-646-1546
	Jack Smithson	KA7HOJ	ka7hoj@webtv.net	503-646-1873
Health & Welfare	Linda Sutton	KC7YTD	kb7pww@msn.com	503-246-8879
Historian	Al Berg	W7SIC	w7sic@pocketmail.com	503-816-7098
Internet Home Page	Marc Chamberlin	WA7PXW	marcc@easystreet.com	503-357-1869
	Betty Mickley	N7REX	mmickley@teleport.com	503-642-1284
Member Badges	Carl Clawson	WS7L	carlclawson@compuserve.com	503-629-5796
Newsletter Editor	Everett Curry	W6ABM	w6abm@arrl.net	503-681-2345
Newsletter Distribution	Mike McDonald	KC7YSW	macsuser@teleport.com	503-692-5893
Nominating Committee	OPEN			
Project Night	Alan Chinnock	KB7POR	kb7por@aol.com	503-636-2237
Public Relations	J.D. Fort	K7JDF	jdradio@teleport.com	503-259-0269
Public Service	Randy Stimson	KZ7T	kz7t@arrl.net	503-297-1175
Repeater	Wes Allen	K7WWG	wesa@dnc.net	503-649-3295
RFI & TVI	Dale Mosby	K7FW	dale@sequent.com	503-640-0217
Satellites	Everett Curry	W6ABM	w6abm@amsat.org	503-681-2345
Scholarship	Carl Clawson	WS7L	carlclawson@compuserve.com	503-629-5796
Sea-Pac	Al Berg	W7SIC	w7sic@pocketmail.com	503-816-7098
"	Brad Beach	N7NVC	bbeach@teleport.com	503-657-1781
"	Jim Schaeffer	KB7ADH	jim.schaeffer@sulzerpumps.com	503-245-2518
"	Randy Stimson	KZ7T	kz7t@arrl.net	503-297-1175
"	Will Sheffield	N7THL	n7thl@juno.com	503-642-7314
Station Trustee	Hanford Van Ness	KE7BB	ke7bb@email.msn.com	503-246-7975
Social	Harold Landers	WA0BRU	wa0bru@juno.com	503-646-1546
Technical Specialist	Stan Griffiths	W7NI	w7ni@teleport.com	503-649-0837
Tower Ordinances	Greg Milnes	W7OZ	w7oz@arrl.org	503-648-6990
Trailer	Dee Lynch	K7JRB		541-745-1025
Training (upgrade)	Janet Bell	WB7FJC	wb7fjc@arrl.net	503-648-4147
Travelers	Betty Mickley	N7REX	mmickley@teleport.com	503-642-1284
VE Test Coordinator	Carl Clawson	WS7L	carlclawson@compuserve.com	503-629-5796
VHF/UHF	Arnold Jensen	W7DSA		503-543-3713

Hamfests And Conventions

8 April 2000

Lilac City ARC

Warren Kelsey, KJ7BB
1405 South Crestline
Spokane, WA 99203
509-534-8443

6 May 2000

Up The Crick Radio Club

Eugene, Oregon
Karl Fuller, K7ARL
1520 Taylor Avenue
Cottage Grove, OR 97424
541-942-1624

13-14 May 2000

**Washington State Convention
Yakima, Washington**

<http://eagle.ykm.com/~w7aq/hamfest.html>
Yakima Amateur Radio Club
Jack Wrenn, N7KNO
621 South 15th Avenue
Yakima WA 98902
509-249-0897
Email: n7kno@arrl.net

3-4 June 2000

SEAPAC 2000

The Northwest Division Ham Convention, Seaside, Oregon.
General information can be obtained from Randy, KZ7T, 503-297-1175 or kz7t@arrl.net. See www.seapac.org, the SEAPAC Homepage.

28-30 July 2000

DX2000

BC DX/Fraser Valley DX Club
Vancouver, BC, Canada
See www.bcdxc.org

WORLDWIDE DISTRIBUTION



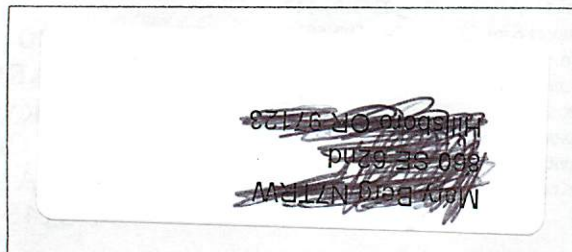
Rich KK7PL
Manager

11705 SW Pacific Hwy (99W)
Portland OR 97223
503-698-0565 Fax: 684-0489
800-864-6046

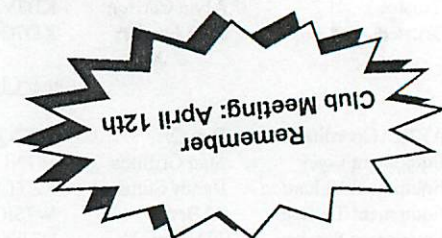
ANAHEIM CA • ATLANTA GA • BURBANK CA • CLEVELAND OH
NEW CASHI TX • OAKLAND CA • PHOENIX AZ • PORTLAND OR
SALT LAKE UT • SAN DIEGO CA • SUNNYVALE CA • WOODBRIDGE VA



57133+5732



Web: WWW.OTVARC.ORG
Repeater: W7OTV (146.96MHz)
Editor: W6ABM@amsat.org
Simplex: 147.54 MHz



Oregon Tualatin Valley
Amateur Radio Club
Post Office Box 5132
Aloha OR 97006-0132

OTVARC

Club Information

Purpose: The Oregon Tualatin Valley Amateur Radio Club, a Not-for-profit corporation, wants to be instrumental in helping the prospective and established Amateur to become a proficient communicator in the Amateur Radio Service.

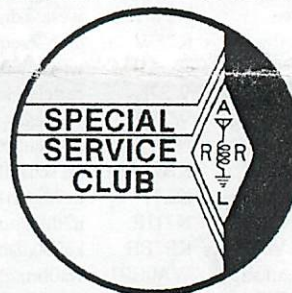
Additionally, our intent is to promote the advancement of Amateur Radio Service, through the following five objectives:

1. Education & Training of new and licensed Amateurs.
2. Public Service during events & community activities.
3. Emergency communications in emergencies & disasters.
4. Hobby enhancement through meetings, nets & contests.
5. Social contact with other amateurs & interested persons.

Special Service Club: OTVARC is an ARRL Special Service Club. The ARRL grants us this distinction due to our participation in emergency preparedness exercises, public service events and other service-oriented programs. In addition, continuing educational and training programs are conducted for FCC licenses. OTVARC benefits when you join or renew your membership in the ARRL through the club. Contact the treasurer at any regular meeting.

Newsletter: The OTVARC Oscillator is the club newsletter. It is published monthly and mailed on the first of the month. Opinions, views, and recommendations of its contributors are not necessarily those of the club, its officers, advertisers or the editorial staff. Editor's E-mail: ecurry@teleport.com. May 2000 OSCILLATOR deadline is Monday, April 24th.

Internet Home Page: WWW.OTVARC.ORG



Correspondence: All correspondence may be sent to OTVARC, PO Box 5132, Aloha, OR 97006-0132.

Meetings: We have two meetings per month. The Board meeting is on the fourth Wednesday of each month. Club business is conducted at this meeting. All members are welcome to attend. Contact the President for location and time. The general meeting is on the second Wednesday of each month at the Beaverton Elks Lodge. 3500 SW 104th Ave. (1 block north of Canyon Road). Meetings start at 7 PM. If you would like to come early, you can get a nice meal from the Elks for less than \$6.00.

Membership: OTVARC is open to anyone who is interested in amateur radio. You do not need to be a licensed radio amateur to join. Dues are: Full member, \$10/yr; Associate member (non-licensed), \$10/yr; Family members of full member, \$5/yr; Life memberships available - see the Treasurer. Only full members and life members may vote on club business and serve as club officers. All memberships expire on the last day of the calendar year. If you would like to join during the year, see the club treasurer for prorated dues schedule.

How to join: Mail the Membership application and/or renewal form with your dues to the Club address.